Diaphragm- Type Diaphragm Seals
Block Flange Diaphragm Seal
Type 910.19

Diaphragm Seals

Application
Protect pressure instrument from corrosive, contaminated or viscous media. Adapter flange for diaphragm seal to be welded into pipe.

Design
Internal welded diaphragm to fit into block flange; requires hydraulic fluid to transmit pressure to instrument

Process Connection
Butt weld, socket weld or flanged ends up to 2”

Instrument Connection
Capillary, ½” or ⅛” NPT-female

Suitable Pressure Ranges (MWP 2800 PSI @250°F)
15 PSI to 2800 PSI

Available Options (connections, materials, etc.)
See Selection Guide (over)

To determine the effects of temperature and response time in a specific application, contact the factory for an Application Questionnaire. The information provided will allow WIKA Technical Support to accurately model your application parameters using state-of-the-art computer simulation techniques.
**Selection Guide - 910.19**

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>910.19.1/2FX1/2-BW,SS,SS,SS,SS,VI,NONE</td>
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### Flange Rating
- **NONE** = None
- **150R** = 150# raised face per ASME B16.5
- **300R** = 300# raised face per ASME B16.5
- **600R** = 600# raised face per ASME B16.5

### Gasket Material
- **VI** = Viton®
- **TF** = Teflon®
- **NA** = None

### Diaphragm Material
- **SS** = 316 stainless steel
- **HC** = Hastelloy® C-276
- **MO** = Monel® 400
- **NA** = None

### Clamping Material
- **SS** = 316 stainless steel
- **NA** = None

### Block Flange Material
- **SS** = 316 stainless steel
- **HC** = Hastelloy® C-276
- **MO** = Monel® 400
- **NA** = No block flange

### Upper Housing Material
- **SS** = 316 stainless steel
- **CS** = Carbon steel, nickel-plated
- **NA** = No upper housing

### Instrument Connection
- **1/4F** = 1/4" NPT female
- **1/2F** = 1/2" NPT female
- **NONE** = No instrument connection

### Accessory Type
- **910.19** = Block Flange

### Notes
1. Customer to specify pipe schedule.
2. Includes bolts and washers.
3. For use with flange connection type only.

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**Ordering Information:**
State computer part number (if available) / type number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice.

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